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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

<i>Complete if Known</i>	
Application Number	10/587,515
Filing Date	June 06, 2007
First Named Inventor	Shimshon BELKIN et al
Art Unit	1636
Examiner Name	VOGEL, NANCY TREPTOW

Sheet 1 of 3 Attorney Docket Number 32473

## U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

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<sup>4</sup> For more information on the indication of filing of a claim for priority, see Article 13(1) of the Convention.

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Sheet 2 Of 3 Attorney Docket Number 32473

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	22	Arikawa et al. "Microbial Biosensors Based on Respiratory Inhibition", Methos in Biotechnology, 6(Chap.16): 225-235, 1998.	
	23	Bartolome et al. "Genotoxicity Monitoring Using A 2D-Spectroscopic GFP Whole Cell Biosensing System", Sensor and Actuators B, 89: 27-32, 2003.	
	24	Belkin "A Panel of Stress-Responsive Luminous Bacteria for Monitoring Wastewater Toxicity", Methods in Molecular Biology, 102(Chap.21): 247-258.	
	25	Belkin "Microbial Whole-Cell Sensing Systems of Environmental Pollutants", Current Opinion in Microbiology, 6: 206-212, 2003.	
	26	Ben-Israel et al. "Identification and Quantification of Toxic Chemicals By Use of Escherichia Coli Carrying Lux Genes Fused to Stress Promoters" Applied And Environmental Microbiology,64(11):4346-4352, 1998.	
	27	Biran et al. "Optical Imaging Fiber-Based Live Bacterial Cell Array Biosensor", Analytical Biochemistry, 315: 106-113, 2003.	
	28	Biran et al. "Optical Imaging Fiber-Based Single Live Cell Array: A High-Density Cell Assay Platform", Analytical Chemistry, 74(13): 3046-3054, 2002.	
	29	Burlage et al. "Living Biosensors for the Management and Manipulation of Microbial Consortia", Annual Reviews in Microbiology, 48: 291-309, 1994.	
	30	DI Paolantonio "Induced Bacterial Electrode for the Potentiometric Measurment of Tyrosine", Analytica Chimica Acta, Vol. 141: P.1-13, 1982.	
	31	Felschin et al. "Enalapril Microbisl Biosensor", Preparative Biochemistry and Biotechnology, 28(3): P.261-269, 1998.	
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	33	Joshi et al. "Immobilization of Activated Sludge For The Degradation of Phenol", J. Environ. SCI. Health, A34 (8), P. 1689-1700, 1999.	
	34	Knight et al. "Fluorescence Polarization Discriminates Green Fluorescent Protein From Interfering Autofluorescence in A Microplate Assay for Genotoxicity", Journal of Biochemical and Biophysical Methods, 51: 165-177, 2002.	
	35	Köhler et al. "Reporter Gene Bioassays in Environmental Analysis", Fresenius Journal of Analytical Chemistry, 366: 769-779, 2000.	
	36	Lemarchand et al. "Molecular Biology and DNA Microarray Technology for Microbial Quality Monitoring of Water", Critical Reviews in Microbiology, 30: 145-172, 2004.	
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	37	Min et al. "Specific Responses of Bacterial Cells to Dioxins", Environmental Toxicology and Chemistry, 22(2): 233-238, 2003.	
	38	Misawa et al. "A Method to identify cDNAs Based on Localization of Green Fluorescent Protein Fusion Products" PNAS,97(7):3062-3066, 2000.	
	39	Mitchell et al. "An Escherichia Coli Biosensor Capable of Detecting Both Genotoxic and Oxidative Damage", Applied Microbiology and Biotechnology, 64(1): 46-52, 2004.	
	40	Regenfelder et al. "G Proteins in Ustilago Maydis: transmission of Multiple Signals?", The EMBO Journal Vol. 16 No.8, P. 1934-1942, 1997.	
	41	Riedel et al. "Adaptable Microbial Sensors", Analytical Letters, 23:5, P. 757-770, 1990.	
	42	Riedel et al. "Arxula Adeninivorans Based Sensor for the Estimation of Bod", Analytical Letters, 31(1): 1-12, 1998.	
	43	Riether et al. "Assessment of Heavy Metal Bioavailability Using Escherichia Coli ZntAp::Lux and CopAp::Lux-Based Biosensors", Applied Microbiology and Biotechnology, 57(5-6): 712-716, 2001.	
	44	Sagi et al. "Fluorescence and Bioluminescence Reporter Functions in Genetically Modified Bacterial Sensor Strains", Sensor and Actuators B, 90: 2-8, 2003.	
	45	Salem et al. "Checkpointing Memory-Resident Databases", Proceedings of the 5th International Conference on Data Engineering, Los Angeles, CA, USA, P.452-462, 1989. P.456, l-h Col., § 1 - P.456, r-h Col., Last §.	
	46	Simonian et al. "Microbial Biosensors Based on Potentiometric Detection", Methods in Biotechnology, 6(Chap.17): 237-248, 1998.	
	47	Švitel et al. "Microbial Cell-Based Biosensor for Sensing Glucos, Sucrose or Lactose", Biotechnol. Appl. Biochemistry, Vol. 27: P.153-158, 1998.	
	48	Van Dyk et al. "LuxArray, A High-Density, Genomewide Transcription Analysis of Escherichia Coli Using Bioluminescent Reporter Strains", Journal of Bacteriology, 183(19): 5496-5505, 2001.	
	49	Van Dyk et al. "Rapid and Sensitive Pollutant Detection by Induction of Heat Shock Gene-Bioluminescence Gene Fusions", Applied and Environmental Microbiology, 60(5):1414-1420, 1994.	
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